

Dental Considerations for Persons with Intellectual and Developmental Disabilities

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- **Medical Conditions Associated With Down Syndrome Which Can Impact Dental Health and Treatment:**
 - Congenital Heart Defects
 - Upper Respiratory Tract Infections
 - Atlanto-Axial Instability
 - General Immune Response Impairment
 - Other Medical Conditions

- **Oral Anomalies Occurring in Down Syndrome:**
 - Underdevelopment of Midface Complex
 - Palatal Dimensions & Increased Incidence of Cleft Palates
 - Tongue Abnormalities
 - Appearance of an Open Mouth & Mouth Breathing

- **Dental Anomalies Found in Down Syndrome:**
 - Microdontia (Small Teeth)
 - Anomalies of Tooth Shape & Orientation
 - Congenitally Missing Teeth
 - Increase in Occurrence of Taurodontism

- **Tooth Eruption Patterns in Down Syndrome:**
 - Eruption of Deciduous (baby) Teeth
 - Eruption of Permanent (adult) Teeth
 - Retained Primary Teeth

- **Occlusal Anomalies in Down Syndrome:**
 - Malalignment of Teeth
 - Malocclusion Types
 - Other Occlusal Anomalies

- **Dental Conditions Associated With Down Syndrome:**
 - Periodontal Disease
 - Dental Caries (Decay)
- **Dental Treatment Considerations in Down Syndrome:**
 - Importance of Documentation & Communication Concerning Periodontal Disease
 - Early, Aggressive Periodontal Therapy
 - Early, Preventive Surgical Interventions for Periodontal Disease
 - Fixed or Removable Partial Dentures
 - Full Denture for Persons With Down Syndrome
- **Medical Conditions Associated With Cerebral Palsy Which Can Impact Dental Health:**
 - Speech Defects
 - Drooling
 - Diet Issues
 - Dysphagia
 - Cough Reflex
 - Other Associated Medical Conditions
- **Dental Problems & Treatment Considerations Associated With Cerebral Palsy:**
 - Dental Caries (Decay)
 - Periodontal Disease
 - Gingival Hyperplasia
 - Malocclusion & Anterior Open Bite
 - Enamel Hypoplasia
 - Bruxism
 - Temporomandibular Joint (TMJ) Problems
 - Drooling
 - Patient Cooperation, Movement, and Stabilization
- **PICA Patients:**
 - Description
 - Susceptible Population Groups & Examples

- **Importance of Oral Hygiene Maintenance & Systemic Manifestations of Poor Oral Health:**
 - **Description of Periodontal Disease**
 - **Bacteremias Originating From The Oral Cavity**
 - **Infective Endocarditis:**
 - Acute & Subacute Endocarditis
 - Bacterial Pathogens Involved
 - Risk Factors
 - Preventive Techniques
 - **Cardiovascular Disease and Atherosclerosis:**
 - Disease Prevalence
 - Risk Factors
 - Periodontal Disease as a Risk Factor
 - Impact of C-Reactive Proteins
 - **Diabetes**
 - Disease Prevalence
 - Periodontal Disease as a Risk Factor
 - Study Concerning Periodontal Disease & Diabetes in Gila River Indian Community
 - **Alzheimer's Disease**
 - Disease Prevalence
 - Periodontal Disease as a Potential Risk Factor
 - **Infection of Prosthetic Devices**
 - **Respiratory Diseases**
 - Disease Prevalence & Descriptions
 - Periodontal Disease & Oral Pathogens as Potential Risk Factors
 - **Pregnancy Complications**
 - Prevalence of Preterm Low Birth Weight Babies
 - Periodontal Disease as a Potential Risk Factor
 - Study Connecting Gram-Negative Periodontal Pathogens and Premature Labor
 - Connection Between Periodontal Disease and Preeclampsia
 - **Osteoporosis**
 - **Periodontal Disease & Pancreatic Cancer**

- **Other Disease Processes**
 - Inflammatory Bowel Diseases
 - Peptic Ulcers due to H. Pylori Infection
- **Effect of Poor Oral Hygiene on Institutional Budgets**
- **Beneficial Products For Oral Hygiene Maintenance & Periodontal Health**
 - Chlorhexidine Gluconate 0.12% Mouthrinse
 - Open Wide Disposable Mouth Prop
 - Unique Toothbrush Designs to Improve Effectiveness & Efficiency of Brushing